

May 1998

## Carolina DX Association

# The Pileup

Newsletter of the CDXA    W4DXA  
K4MD Joe Simpkins    President  
W4WN Cliff Wagoner    Vice-President  
K4MQG Gary Dixon    Sec.-Treasurer  
K4ZA Don Daso    Editor

### CDXA PacketCluster & other systems

W4DXA Stanley, NC	144.93 & 441.00
digipeater on Young Mountain	DXUYNG 441.00
(type <C DXZ> after connecting to DXYNG)	144.95
digipeater in Greensboro (type <C DXZ> after connecting to DXYNG)	144.95
digipeater on Beamer Knob (type <C DXZ> after connecting to DXBMR)	144.93
K4MD Charlotte, NC	144.91 & 441.075 (1200/9600 baud)
digipeater near Wingate, NC	DXWIN 144.91
repeater 147.18 (+ 600), near Fort Mill, SC & homepage <www.cdxa.org>	

### PRESIDENTIAL PONDERINGS

Greetings. I trust the gusty winds haven't blown any of you away! Seriously, this is the time of year we all do tower work, and I can't stress enough the importance of small details, any one of which could contribute to a rapid change in your quality of life. I know all too well our spirits often say "can do," but I caution you to temper that attitude with an absolute attention to safety. If you drop something, let it go. Don't lose your grip on a fun tomorrow!

Solar storms, new countries on the air for many of our members, a new antenna for the repeater, continuing work to perfect the W4DXA node, and new callsigns are just a few of the club and member happenings of late. Are you part of such fun? Let K4ZA know what you're up to, and he'll include your activity in our newsletter. Who knows, you may end up with some more willing workers, or at least extra helpers.

Thanks to N5BI, Gary Branch, who is (as I write this), making another trip to Young Mountain. There's an interference problem there—in the transmitter building—that we're correcting concerning our equipment. The site was turned off for a couple of days to confirm the problem. I'm sure Gary's technical know-how will win the day for us. Thanks again, Gary, for your continuing efforts and support! If you catch him on the repeater, let him know you appreciate his work. WA4UNZ, Ken Boyd, continues to ply his computer skills on the W4DXA node computer. If you have some skills in AX-25, please contact Ken. If you don't know what AX-25 is, don't call Ken to find out. He's way too busy making those IBM printers print, keeping Charlotte bankers happy. And, congratulations to Jim Miller, K4SQR (formerly KF4HK) on his new callsign. (Pretty appropriate, don't you think?) Just a reminder to let our hard-working Editor, K4ZA, and our Secretary/Treasurer, Gary Dixon, K4MQG, know your correct mailing address, or other information changes. Ever wonder why you didn't get your newsletter on time? If we have the right info, you'll get the right output, so help us stay current with your information. By the time you read this, a new harness for our repeater antenna will have been re-installed at K4MQG's QTH. Thanks to Gary for all his work in making 147.18 work flawlessly again! And, as always, thanks to everyone who helped!

Get those QSL cards in the mail for your new ones! Hope you are IN THE LOG!

73 Joe K4MD

## EDITORIAL

It's nostalgia time. Twenty-five years ago, appropriately enough. Why this number? No special reason, other than it's typically done from time-to-time by major magazines and news services. So, return with us now to those thrilling days of yesteryear, when *QST* carried such stories and articles on:

Canton Island was activated by W6BHY, better-known today as ZD8Z. Swans and Heathkits and Drake TR-22 FM rigs were all the rage (Kenwood and Yaesu gear was just become popular). W9BRD was still writing "How's DX?" (doing his usual FB job, too, contributing several solid columns this year on the concept of "Elmering"). The Alpha 77 (the ads say the "no compromise Alpha 77") was reviewed in March, and cost \$1795. Several issues of *QST* for the year detail the workings of the ARRL QSL Bureau system. (Of course, 'lo these many years later, guys like N4ZC are still explaining how the system works....) Southeast Asia was a hot spot in a variety of ways, not the least of which was Saigon's XV5AC, often manned by Dave, Chester, Fred, and Don—names we still associate with certain well-known DXers. This year saw the beginnings of Maxwell's series of articles: "Another Look At Reflections," which later became the now-controversial book, *Reflections*. The year marked only the 3<sup>rd</sup> ARRL 160M Contest, which had limited participation; people were still amazed and surprised to work a European on Top Band. (1973 would mark the start of the annual 10M Contest.) The WB4VVF "Accu-Keyer" appeared (in August *QST*) and, in typical cliché fashion, became just that—in use seemingly everywhere. The digital age truly was dawning, even in the hamshack. DX-contestwise, a fella with the callsign K1LPL/3 did real well, as did K7VPF operating at W7RM (he took both modes in SS, too), while K0DQI pushed 6J9AA to the forefront of foreign scores. (Knowledgeable folks will again recognize these calls and ops, still active today.)

Ahhh, those were the days, huh? What were YOU doing in ham radio back in '73?

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### A Few Words From The Housekeeping Department

Yes, two pages were reversed in paper-printing last month's *Pileup*, for which we apologize. Sometimes, I wonder how the folks get anything done at Office Depot (many are not native English-speakers and, you have to figure this could create problems. This isn't meant as a racist remark—just simple, basic pragmatic reasoning). On a more serious note, 34 members have fallen by the wayside (or out of the band, if you want a radio metaphor). Meaning they've been dropped from our roster. Let's each do what we can to talk up our club (*uh-oh, Don's on that soapbox again*) and recruit some members. Let's DO something this summer (besides installing antennas at Don's QTH) and create some reality behind the rhetoric I keep spouting on our website about this being the neatest, keenest club in the new South. We are, after all, a CLUB; we should act accordingly. Meaning, we should be DOING stuff (besides having lunch). Contact your officers today with your ideas!

K4ZA

# CAROLINA DX ASSOCIATION 1998 ROSTER

K1MIJ W1WW WA1EHL	Wilson Caselli George Felber Gary Coulbourne	12104 Oakhaven Drive 1414 Farmstead Road PO Box 140	Charlotte NC 28273 Rock Hill SC 29732 Stony Point NC 28678	704-588-2944 803-366-3556 704-585-2722
K2SD K2ZI N2BT N2HV	Scott Douglass Steve Sullivan William Thomas Jerry Malin	1591 Trojan Horse Circle 2609 Dellinger Circle 652 Short Spoon Circle 3056 Scottsdale Lane	Fleetwood NC 28626 Charlotte NC 28269 Rocky Mount NC 27804 Matthews NC 28105	910-877-2461 704-598-4934 919-442-6131 704-821-3838
AA4NN AA4R AA4S AA4SC AA4SQ AA4V AA4ZZ AB4ON AD4IE AD4LM AE4AT AE4PB AK4N	Joe Blackwell Bill Parris Ron Bailey Ric Porter Charlie McSwain Steve Reichlyn Paul Trotter Bob Sidi Paul Ponak Steve Hull David Leonard Jerry Moore Grady Robinson	6391 Baker Lane 16741 100 Norman Place 420 Community Road 2897 Brookridge Drive 1713 Chesterfield Drive 14 Seahorse Court 6801 Folger Drive 15929 Bayshore Drive 635 Crater Street 2642 Fallen Oak Drive 740 Charter Place 2385 Witlay Road 902 Forest Drive	Lake Wylie SC 29710 Cornelius NC 28031 Shelby NC 28152 Rock Hill SC 29731 Belmont NC 28012 Isle Of Palms SC 29451 Charlotte NC 28270 Huntersville NC 28078 Charlotte NC 28205 Lincolnton, NC 28092 Charlotte NC 28211 Fort Mill SC 29715 Lancaster SC 29720	704-283-1593 704-892-4081 704-487-0337 803-817-9774 704-829-5653 803-886-9367 704-365-6367  704-332-1882 704-732-1626 704-365-4756 803-548-0058 803-283-8298
K4BVQ K4CDX K4CEB K4DGJ K4DY K4EAT K4HJE K4JHN K4KL K4MD K4MQG K4NXS K4PC K4QO K4SF1 K4SI K4SLC K4SQR K4WAM K4YYL K4ZA K4ZAM K4ZO	Frank Dowd Steve Peterson Larry Sossoman Sam Hawes Les Murphy Ernest Thompson Ed Hicks Kent Miller Rick Kourey Joe Simpkins Gary Dixon Theo Bellamy Chris Penick Douglas Sanders Bob Reed Bob Cranford Don Brannan Jim Miller Bill McKay Art Balz Don Daso Jimmy Floyd Bruce Gragg	623 Lester Davis Road PO Box 2752 4383 Ponderosa Lane 308 Minden Lane PO Box 626 PO Box 326 1467 Spring Hill Circle 941 Ridge Road 4401 Asherton Drive 2400 Flintwood Lane 1606 Crescent Ridge PO Box 587 PO Box 1926 710 Hamlet Highway 426 Boyce Road 1369 Little Valley Lane 11502 Painted Tree Road 11600 Hilda Court 617 Edgewater Drive PO Box 6782 189 Timber Creek Drive 133 Lakeview Circle 1544 Fox Dairy Road	Waxhaw NC 28173 Boone NC 28607 Concord NC 28025 Matthews NC 28105 Hickory NC 28603 Lilesville, NC 28091 Kannerville NC 27284 Lexington NC 27295 Charlotte NC 28226 Charlotte NC 28226 Fort Mill SC 29715 Denver NC 28037 Boone NC 28607 Bennettsville SC 29512 Charlotte NC 28211 Lincolnton NC 28092 Charlotte NC 28226 Charlotte NC 28226 Belmont NC 28012 Greenville SC 29606 Stanley NC 28164 Thomasville NC 27360 Newton NC 28658	704-843-5968 704-264-7294 704-782-2245 704-847-2355 704-324-8111  910-896-5081 910-249-4596 704-541-1863 704-365-8492 803-547-7450 704-483-3704 828-264-7557 803-479-0334 704-366-5082 704-735-0903 704-542-2855 704-542-6162 704-825-8094 803-244-4850 704-263-1134 704-475-8935 704-465-3715
KB4LN KC4VAE KD4OM KD4RH KE4ART KF4NO KI4YV KJ4DE KN4CC KN4FO KO4GU KT4HN KU4V	Summitt Boone Boyd Williams Jim Morris Gary Bader Tripp Harris Robert Denton Bob Southworth Pioneer ARC/DR Steve Freeman Larry Jones Tim Creech Thomas Wright Wayne Stames	780 Soc Houck Road PO Box 82 140 Beam Street 409 Icard Ridge Road 712 Kelly Mill Road 11530 Laurel View Drive 5618 Cherrycree Lane 142 Meadow Creek Lane POB 30188 (13B32 BSC) 831 Wingrave Drive 10110 Pioneer Mill Road 4632 Snow Drive 7114 Monroe Road 701 Channing Circle	Boone NC 28607 Fallston NC 28042 Granite Falls NC 28630 Elgin SC 29045 Charlotte NC 28273 Charlotte NC 28217 Mooresville NC 28115 Charlotte NC 28230 Charlotte NC 28270 Concord NC 28025 Harrisburg NC 28075 Charlotte NC 28212 Concord NC 28027	704-262-3880 704-538-7692 704-495-8934  704-587-7430 704-525-9297 704-663-3135  704-366-6537 704-455-9650 704-455-5729 704-536-3003 704-782-5354

N4AA	Carl Smith	PO Box 6843	Asheville NC 28816	704-683-4251
N4APR	Ray Weeks	3025 Cutchin Drive	Charlotte NC2 8210	704-553-0112
N4BIG	Ervin Jackson, jr.	819 Museum Drive	Charlotte NC 28207	704-375-6565
N4BY	Buddy Teague	2719 Old Pardue Road	Lancaster SC 29720	803-286-5299
N4HIM	Joseph Yarborough	716 North Maple Street	Pageland SC 29728	803-672-7613
N4JEV	Larry Ross	7148 Pitchfork Lane	Mint Hill NC 28227	704-545-9775
N4JJ	Jack Jackson	PO Box 12612	Florence SC 29504	803-669-1416
N4JU	John Cannon	2985 Woodstream Drive	Valdese NC 28690	704-433-1720
N4LUF	Carlton Grainger	652 Kenwood Lane	Rock Hill SC 29730	803-329-0837
N4MM	John Kanode	Route 1 Box 73A	Boyce VA 22203	540-837-1340
N4NDL	Bob Aycoth	5910 Rocky River Road S.	Monroe NC 28112	704-764-7408
N4PQX	Bob Burton	851 Brockbank Road	Charlotte NC 28209	704-522-0332
N4QOG	L. E. Fahey	408 Centeridge Drive	Columbia SC 29229	803-788-8061
N4RF	Rick Neuman	1116 Mallard Landing Drive	Monroe NC 28110	704-289-3431
N4SU	Dave Kennedy	Route 3 Box 100	King NC 27021	910-983-0123
N4UFP	Marc Tarplee	4406 Deer Run	Rock Hill SC 29732	803-327-4978
N4UH	Henry Elwell	2701 Rary Road	Cleveland NC 27013	704-278-4423
N4WMB	Mack Shannon	PO Box 278	Lancaster SC 29721	803-285-6357
N4XMA	Ronald Rhodes	521 Sharview Circle	Charlotte NC 28217	
N4XO	Dave Rawley	705 Rockford Road	High Point NC 27262	
N4ZC	Roger Burt	2421 Old NC 27	Mount Holly NC 28120	704-263-1133
N4ZX	John Lambert	4805 Sentinel Post Road	Charlotte NC 28226	704-542-0633
N4ZY	Jim Brown	6534 Bakers View Drive	Vale NC 28168	704-462-1628
NA4L	Dave Newman	1001 Hanging Tree Road	Hillsville VA 24343	540-728-3570
NA4LU	Nestor Ravenna	102 Auckland Lane	Matthews NC 28105	
NC4NC	Claude Oakes	410 Cherryville Road	Shelby NC 28150	704-480-0050
NC4US	Gene Willis	384 Highway 274	Vale NC 28168	
W4AG	Stan Dicks	4941 Boulder Run Road	Hillsborough NC 27278	919-644-1382
W4BFB	W4CC/John Covington	PO Box 217122	Charlotte NC 28221	
W4BZ	William A. Culpepper	900 Jefferson Drive	Charlotte NC 28270	704-365-9995
W4CC	John Covington	PO Box 217122	Charlotte NC 28221	704-442-1323
W4CZU	Bud Brown	PO Box 447	Taylorsville NC 28681	704-632-4828
W4DOU	Ross Sigmon	PO Box 70	Glendale Springs NC 28629	910-982-3566
W4FHI	Reagan Rowe	128 Stonemarket Road	Mooreville NC 28115	
W4HG	Wayne Ashworth	160 Bass Run	Salisbury NC 28146	704-633-9330
W4HKQ	Keith Queen	935 Bethlehem Court Road	Grover NC 28607	704-739-2061
W4HQF	Donald Voigt	PO Box 72	Dallas NC 28034	704-922-3772
W4IRE	John Huffman	2400 Hoyt Street	Winston-Salem NC 27103	
W4IU	Tom Skelton	230 Camelot Road	Clemson SC 2963	803-653-8801
W4IX	Jerry Hagan	4320 Wordsworth Lane	Charlotte NC 28211	704-896-1723
W4JAZ	Pete Underhill	4634 Addison Drive	Charlotte NC 28211	704-355-1518
W4JWG	Jack Guion	817 Lynbrook Drive	Charlotte NC 28211	704-365-3061
W4MBD	Robert McNeill II	PO Box 843	Morehead City NC 28557	919-726-7711
W4MDD	William Hutchison	73 Robin Hood Circle	Winston-Salem NC 27108	919-924-6781
W4MP	Mark Pearson	220 Moming Dale Road	Matthews NC 28105	704-814-4061
W4MPY	Wayne Carroll	682 Mount Pleasant Road	Monetta SC 29105	803-685-7264
W4MW	Roger Webb	PO Box 812	Mt. Holly NC 28120	704-827-6246
W4NC	Forsyth ARC N4VHK	PO Box 11361	Winston-Salem NC 27116	
W4NZC	Ken Cannaday	1929 Ewing Avenue	Charlotte NC 28203	704-372-8551
W4PFM	Paul Wyse	6717 David Road	Waxhaw NC 28173	704-843-5398
W4PVT	McFarland W. Wood jr.	5800 McAlpine Farm Road	Charlotte NC 28226	704-541-7929
W4SI	Rodney Harper	2480 Colewood Lane	Iron Station NC 28080	704-735-7338
W4SMG	Mike Grose	PO Box 183	Flat Rock NC 28731	704-692-0907
W4TJE	Jack Emerson	3283 Young Road	Lexington NC 27292	910-746-6441
W4UFO	Nobby Mills	132 Sunset View Lane	Statesville NC 28677	704-528-5013
W4UNP	Bill Jennings	630 Whitepine Drive	Catawba SC 29704	803-329-9095
W4UW	Richard Genaille	719 Quarterstaff Road	Winston-Salem NC 27104	919-765-4697
W4VHF	Ted Goldthorpe	2420-104 Roswell Avenue	Charlotte NC 28209	704-333-6872
W4WBT	Bill Taylor	214 Pelham Lane	Fort Mill SC 29715	803-548-0908
W4WIT	Bernard Smith	5900 Masters Court	Charlotte NC 28226	
W4WMQ	Murphy Ratterree	264 Wayland Drive	Rock Hill SC 29732	803-366-9057
W4WN	Clifford Wagoner	9108 Chimney Ridge Trail	Charlotte NC 28269	704-598-5373
W4WNT	William Turner	4000 Horseshoe Bend	Matthews NC 28105	704-846-5499
W4ZQB	Al Guin	3301 Woodwardia Drive	Charlotte NC 28210	704-554-7315
W4ZY	Bill Tippet	PO Box 37	New London NC 28127	704-463-1445

WA4AFE	Royce Goodwin	210 Edenvale Road	Rock Hill SC 29730	
WA4DZG	Barry Bridges	286 Straightaway	Fort Mill SC 29715	803-548-3767
WA4MWX	Dick Talbert	PO Box 342	Concord NC 28025	704-795-5980
WA4OBO	Ken Winston	3900 Brinton Place	Charlotte NC 28226	704-542-6294
WA4PLR	Pete Eldridge	220 Pinewood Lane	Rock Hill SC 29730	803-327-9284
WA4UNZ	Ken Boyd	6733 Cedar Springs Road	Charlotte NC 28212	704-567-9733
WA4UUP	Skip Richardson	6224 Glenridge Road	Charlotte NC 2821	704-364-4750
WA4VKW	Kim Hinceman	2300 Murray Mack Road	Fort Mill SC 29715	803-547-6156
WB4LMI	Herman Burney	3240 Cumberland Road	Winston-Salem NC 27105	336-767-6773
WD4BTF	Tommy Lineberry	102 Highland Street	Galax VA 24333	540-238-2494
WD4PIC	Cliff Brommer	7909 Howard Lane	Denver, NC 28037	704-483-7291
WM4I	Burke Jessee	Route 2 Box 529	Wytheville VA 24382	540-228-8371
WO4G	Tim Slay	11350 Olde Cedar Court	Davidson NC 28036	704-795-7926
WQ4G	L. A. Simpson	3306 Old Charlotte Highway	Monroe NC 28110	
WU4G	Tom Bradbury	1923 Dilworth Road East	Charlotte NC 28203	704-334-6069
N5BI	Gary Branch	415C Myrtle School Road	Gastonia NC 28052	704-854-3584
W6NWS	Larry Knain	4917 Yates Mill Pond Road	Raleigh NC 27606	919-851-8839
N7NH	Dan Morehouse	Route 1 Box 90C	Deering NH 03244	603-529-1942
KA8FSM	John Scott	16212 Walcot Lane	Cornelius NC 28031	704-896-9841
KC8FS	Hal Turley	657 Forest Circle	S. Charleston WV 25303	304-744-5949
W8AH	Al Hix	860 Alta Road	Charleston WV 25314	304-344-1215
WA8WV	David Ellis	610 Hillsdale Drive	Charleston WV 25302	304-344-4488
WA9FWO	Frank Kolar	104 Rock Creek Drive	Greenwood SC 29646	864-229-5639
N0EKB	Gary Fay	7321 Ricewell Road	Charlotte NC 28226	704-542-3874
K0SD	Stephen Budensiek	225 Beulah Lane	Salisbury NC 28146	704-279-4309

## WEB WANDERINGS

Interested in gray line maps running under a Windows 95 platform?

<http://www.clark.net/pub/bblake/geoclock/>

How about shareware versions of gray line maps?

<http://www.starfishsoftware.com>

Interested in the "correct time" for your PC? (This is a FREE program—not shareware.)

<http://www.thinkman.com/~thinkman/dimensions4/index.htm>

Worried about the demise of the CDXA PacketCluster? Ever wondered what's going on elsewhere around the world, radio-propagation-wise? Check out DX Monitor.

<http://www.benlo.com/dxmon/html>

Read this far? That means **YOU'RE** interested and/or knowledgeable and/or whatever adjective you choose to use regarding the Internet and the World Wide Web. **CDXA NEEDS** your e-mail address! We currently have 40 members reading this newsletter electronically. They get access to it sooner, and benefit in other ways—like having access to the archives. Even more readers doing this will save the club more money—funds which can go to upgrade nodes, etc. I know there are **MORE OF YOU** out there with Internet access. Please reply with your e-mail address!

This site **IS** generating interest. Check the number of "hits" it's received. Watch for some up-coming additions this month. And, of course, we'll have a report on **DAYTON** next month. Stay tuned.

## FASTENERS REVISTED

The other day, at lunch, the subject of stainless steel came up. Specifically, whether stainless hardware could be used in tower projects. Having put up a few towers (in Ohio, Missouri, New York, & North Carolina—I've always been the guy one could call for that sort of work) in 35 years of hamming, I can tell you stainless hardware is worth the expense. (If you need verification from a larger source, I refer you to GTE Telephone Operations, where extensive testing (to solve problems in Hawaii) determined stainless saves money in the long run.)

Galvanized (zinc coated) steel has been the material of choice for tower and antenna hardware, as well as commercial, utility lines, for years, usually providing trouble-free service. Parts can, & do, show weather damage. This damage can make maintenance difficult, to say the least. The galvanized coating is "sacrificed" over time, so the hardware does have a finite life. Many cases of corrosion make one believe that life is indeed abrupt. The accelerated tests for GTE Telephone showed corrosion within days of exposure.

I've spent hours breaking bolts & hardware high in the air, of the rusted, galvanized kind. Some of that hardware broke. Some of that hardware made disassembly difficult. I've spent time working with stainless, some of which also broke (You have to lubricate stainless, to prevent "galling," if you want to tighten or untighten it without problems. I like to use LUBE-GEL.). But overall, stainless hardware will make your work easier. And, I've never encountered a single problem using it—in terms of its strength.

The next obvious question becomes one of availability. Stainless hardware isn't always found down at your local hardware store. The big "warehouse" chains carry it, but, it's expensive. The large wholesale distributors (like McMaster-Carr) carry a wide variety of hardware, relatively inexpensively. I've recently purchased a large quantity of stainless material (to rebuild antennas) from a newly-discovered source, TEK Supply. (Their catalog will surprise you & provide you with several ideas. Call: 1-800-835-7877) I am, in a word, amazed at their prices. The hardware is probably Chinese in origin, but shows no signs of poor workmanship or shoddy materials. So far, no corrosion is visible on these 304 stainless parts left outside.

Finally, the question of fine thread (NF) versus coarse thread (NC) comes up. Rohn specifies NF threads for its tower bolts. I've used both, but the fine threads do seem to have more holding power. It's tangible; it feels "right" to me. On my own towers, I use NF thread hardware. I recommend the fine thread to others. The NC threads work fine for antennas, but I'll use locking nuts where needed (the nut with the nylon insert). So, having put up & taken down a wide variety of antennas & towers over the years, I tell anyone never to use ordinary hardware, especially those bright & shiny bolts you can purchase for literal pennies at the hardware store. (This includes U-bolts, eyebolts, thimbles & clamps & so on; they'll rust up right before your eyes. If you don't believe me, make the same test I did: Leave an assortment out in the weather for some time, & watch what happens.) Invest in stainless; use it correctly. It's solid insurance that will make your life better.

--K4ZA

# THE BACK PAGE

## MEMBER PROFILE

Carl Smith N4AA

Carl was born in St. Joseph, MO, in 1940, but his family moved shortly to Kansas City, KS. He was first licensed as WN0YFT in 1954. Carl even worked part-time for Burstain-Appelbee while still in high school. (Old-timers will recall this Kansas City, MO electronics store.) He spent eight years in the Air Force, never leaving the USA. Returning to Asheville (his wife's hometown), in 1966, Carl became W4NQA, eventually working for Hammarlund (at their Mars Hill plant) and later IBM. This wasn't quite what Carl wanted to do, so he accepted a position with ARRL, becoming W1ETU. *(I've read and re-read the amplifier construction treatise, prepared with Doug Blakeslee, from December 1976 QST several hundred times, Carl. I learned a lot from it...ed.)* Moving to Virginia Power Company in 1970, Carl regained W4NQA. He stayed with them until 1973, when he returned to Asheville, to work for Carolina Power & Light Company. On Christmas Eve of 1976, Carl found his present calling in the mail; he was surprised to work several new "N" calls that evening. After trying his hand at a ham/model railroad store, Carl settled in with a local Motorola Service Shop, where he remained for the next 15 years. Down-sized in 1994, Carl decided he no longer wanted to "work for someone else." So, he purchased the DX Publishing business, which had been established by the publisher who became available later in 1996, he purchased that, incorporating his venture as DX Publishing.

Carl has always operated in contests, as well as chasing DX. In December of 1997, he finally submitted the last cards to put N4AA on the Honor Roll. He needs five more countries to have them all. Carl lives on a little over four acres outside Asheville, on a ridge in Buncombe County. Two towers and a 60-foot wooden pole support moonbenders for 40-10, as well as the usual wires for the low bands. Two FT-990s and a T1aa and L4B complete his station. His favorite mode remains CW, although he works a little SSB, and has tried RTTY, Packet, etc. He doesn't contest as seriously as he used to, but still enjoys the fun and excitement, as well as chasing DX.

Carl's publishing venture keeps him busy, although he says he's seriously considering a trip to the Caribbean (maybe this year) to try his hand at being DX "just once in my lifetime." If you're not familiar with either of his publications, I can recommend them without any reservations. There's still a lot to be said for "the written word," even in this day and age—when the Internet's all the rage. In-depth articles, with copious research, historical facts and documentation, as well as their portability, make his newsletter and magazine well worth any DXer's attention.

Contact Carl at PO Box DX, Leicester, NC 28748. (phone 704-683-4251—FAX 704-683-0769)

--KAZA

Don Daso K4ZA  
189 Timber Creek Drive  
Stanley NC 28164  
e-mail: k4za@juno.com  
704-263-1134

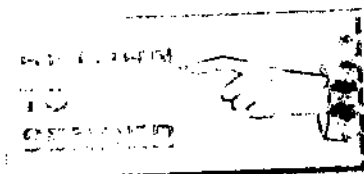


## FIRST CLASS MAIL

*See something wrong on your address label? Notify K4ZA at once!*

**Insufficient address**

*The Newsletter of the Carolina DX Association*



6W